WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

AS OF
FEB. 1, 1965

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Soil Conservation Service, 511 N.W. Broadway - Room 507, Portland, Oregon 97209.

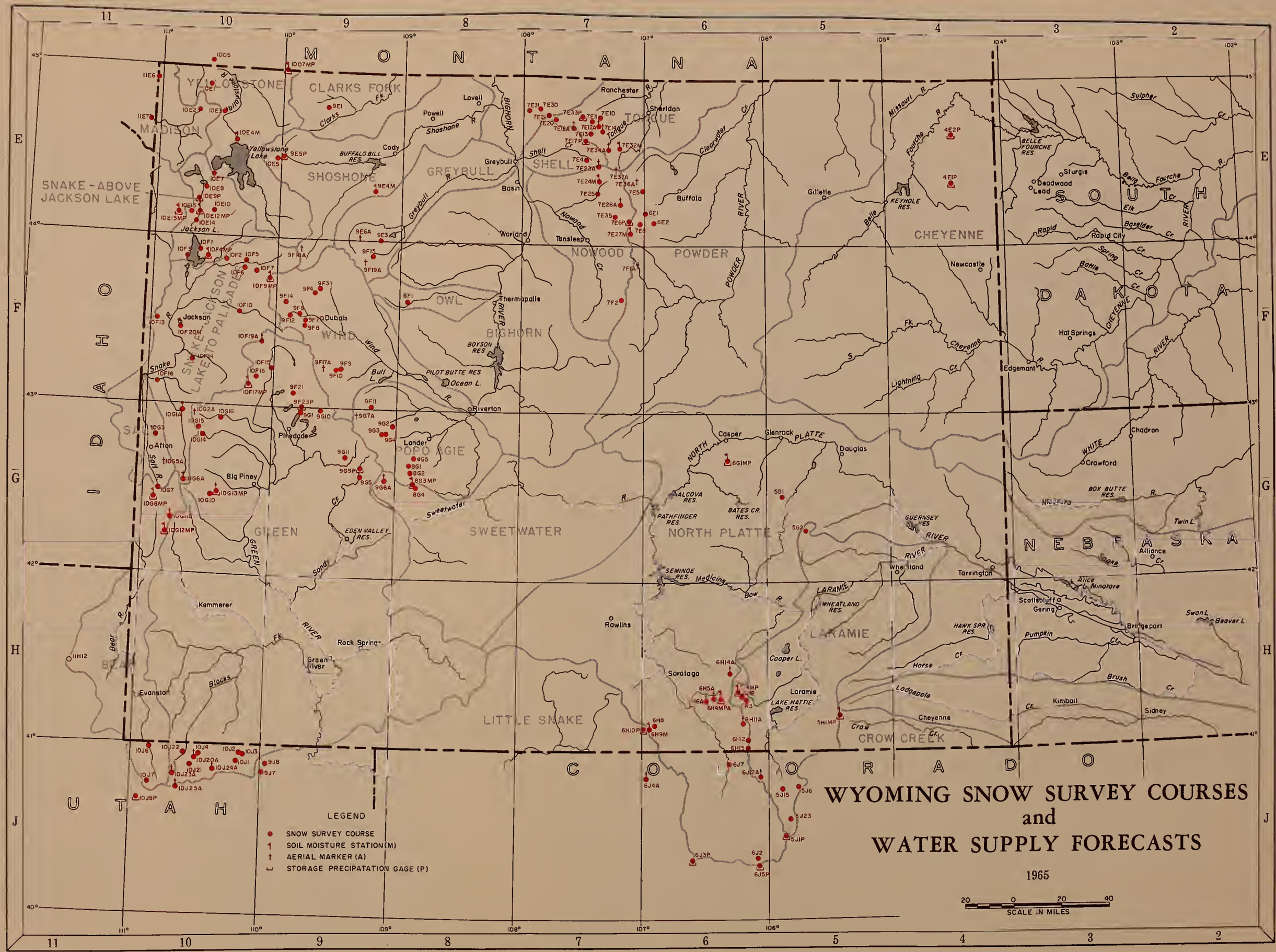
PUBLISHED BY SOIL CONSERVATION SERVICE

REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
WESTERN UNITED STATES	MONTHLY (FEB.-MAY)	PORTLAND, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MAR.-MAY)	PALMER, ALASKA	ALASKA S.C.D.
ARIZONA	SEMI-MONTHLY (JAN.15 - APR.1)	PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEB.-MAY)	FORT COLLINS, COLORADO	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JAN.-JUNE)	BOISE, IDAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JAN.-JUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JAN.-MAY)	RENO, NEVADA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JAN.-JUNE)	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JAN.-JUNE)	SALT LAKE CITY, UTAH	UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB.-JUNE)	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEB.-JUNE)	CASPER, WYOMING	WYOMING STATE ENGINEER

PUBLISHED BY OTHER AGENCIES

REPORTS	ISSUED	AGENCY
BRITISH COLUMBIA	MONTHLY (FEB.-JUNE)	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA	MONTHLY (FEB.-MAY)	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

USDA-S-PORTLAND, OREG. 1964



U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

INDEX TO WYOMING SNOW COURSES

Drainage Basin and Course Name	Wyoming Number	Elev.	Location Sec. Lat.	Twp.	Range Long.	Record Began	Meas.[a] Dates	Meas.[b] By
MISSOURI RIVER DRAINAGE								
Modison River								
Norris 8asin	10E2	7500	44° 44'		110° 42'	1936	2,3,4,5,	2
21 Mile m	11E6	7150	1	11S	5E	1934	1,2,3,4,5	1
West Yellowstone m	11E7	6700	34	13S	5E	1934	1,2,3,4,5	1
Yellowstone								
Canyon	10E3	7750	44° 44'		110° 30'	1938	1,2,3,4,5	1
Crevice Mountain m	10D5	8400	22	9S	9E	1935	3,4	4
East Entrance	9E5MP	7000	44° 29'		110°00'	1948	1,2,3,4,5	2
Lake Camp #2	10E4M	7850	44° 34'		110°24'	1937	1,2,3,4,5	1
Lupine Creek	10E1	7300	44° 54'		110°37'	1938	1,2,3,4,5	2
Northeast Entrance	10D7MP	7400	33	9S	14E	1937	1,2,3,4,5	2
Thumb Divide	10E7	7900	44°22'		110°35'	1946	2,3,4	5
Sylvan Pass	10E5	7100	44°28'		110°02'	1936	1,2,3,4,5	2
Clork's Fork								
Lodgepole	9E1	8200	32	56N	106W	1940	2,3,4,5	1,4
Wind River								
8ig Warm	9F12	8800	36	42N	109W	1955	2,3,4,5	1
Burroughs Creek	9F4	8800	15	43N	107W	1948	2,3,4,5	1
Dinwoodie	9F10	10000	8	3N	6W	1948	2,3,4,5	1,3
Dinwoodie Claciers	9F17A	10500	43°16'		109°38'	1959	2,3,4	1
Dry Creek	9F9	9500	10	3N	6W	1948	2,3,4,5	1,3
DuNoir	9F6	8750	27	42N	108W	1940	2,3,4,5	1
Geyser Creek	9F7	8500	12	41N	108W	1948	2,3,4,5	1
Little Warm	9F8	9500	24	41N	108W	1948	2,3,4,5	1
Sheridan R.S. #2	9F14	7500	3	42N	109W	1955	2,3,4,5	1
T-Cross Ranch	9F3	8000	1	43N	107W	1940	2,3,4,5	1
Togwotee Pass	10F9MP	9600	29	44N	110W	1936	2,3,4,5	5
Popo Agie River								
8lue Ridge	8G2	9500	23	31N	101W	1939	2,3,4,5	1
8ruce's Camp	8D5	6500	24	32N	101W	1955	2,3,4	1
Hobba Park	9G3	10000	22	2S	3W	1948	2,3,4,5	1,3
Mosquito Park R.S.	9G4	9500	23	2S	3W	1940	2,3,4,5	1
Sawmill Clade	8G1	8500	3	31N	101W	1939	2,3,4,5	1
South Pass	8G3MP	9000	13	30N	101W	1939	2,3,4,5	1
St. Lawrence R.S.	9F11	9000	26	1N	4W	1940	2,3,4,5	1,3
Trout Greek	9G2	8400	5	2S	2W	1948	2,3,4,5	1,3
Twenty Lakes	9G7A	10500	22	1S	5W	1959	2,3,4	1
Owl Creek								
Owl Creek	8F1	8700	36	43N	101W	1948	2,3,4,5	1
Greybull River								
Absaroka Divide	9E6A	10000	28	47N	104W	1961	2,3,4	1
Kirwin 9	9F19A	11000	13	45N	104W	1960	2,3,4	1
Wood River #2	9F15	8000	28	46N	103W	1956	2,3,4,5	1
Timber Creek #2	9E3	8800	25	47N	103W	1955	2,3,4,5	1
Shoshone River								
Garter Mountain	9E4M	7800	15	50N	103W	1957	1,2,3,4	1
East Entrance	9E5P	7000	44° 29'		110°00'	1948	1,2,3,4,5	
Sylvan Pass	10E5	7100	44° 28'		110°02'	1936	1,2,3,4,5	2
Yount's Peak	9F18A	8500	43°56'		109°49'	1960	2,3,4	1
Nowood Creek								
Bear Trap	7F1A	8000	10	45N	85W	1960	2,3,4,5	1
Cold Springs Camp	7E25	8700	1	50N	8W	1956	2,3,4,5	1
Medicine Lodge Lakes	7E24M	9500	7	51N	87W	1956	2,3,4,5	1
Middle Powder	7F2	7400	16	43N	86W	1960	2,3,4,5	1
Munkres Pass	7E8	9700	11	48N	85W	1950	2,3,4,5	1
Onion Gulch	7E27M	8100	31	48N	85W	1956	2,3,4,5	1
Powder River Pass	7E6	8200	1	48N	86W	1963	2,3,4,5	1
Tyrell R.S.	7E35	8300	30	49N	86W	1956	2,3,4,5	1
West Tensleep Lake	7E26A	9075	33	50N	86W	1956	2,3,4,5	1
Shell Creek								
8ald Mountain	7E21M	9600	33	56N	91W	1956	2,3,4,5	1,6
Beaver-Tongue Divide	7E20	9200	12	55N	91W	1956	2,3,4,5	1,6
8one Spring Divide	7E18A	9200	32	55N	89W	1956	2,3,4,5	1,6
Granite Pass	7E17P	8950	19	54N	88W	1956	2,3,4,5	1
Ranger Creek	7E4	8800	32	53N	88W	1935	2,3,4,5	1
Shell Creek	7E23A	9600	12	52N	88W	1956	2,3,4,5	1
MISSOURI RIVER DRAINAGE								
Porcupina Creek								
Five Springs Falls	7E31	7500	19	56N	92W	1956	2,3,4,5	1
Medicine Wheel	7E30	9000	24	56N	92W	1956	2,3,4,5	1,6
Tongua River								
Beaver-Tongue Divide	7E20	9200	12	55N	91W	1956	2,3,4,5	1,6
8ig Goose #2	7E32M	7700	4	53N	86W	1955	2,3,4,5	1,6
8one Spring Divide	7E18A	9200	32	55N	89W	1956	2,3,4,5	1,6
8urgess R.S. #2	7E33P	7900	36	56N	89W	1955	2,3,4,5	1,6
Dome Lake #2	7E34A	8800	11	53N	87W	1950	2,3,4,5	1,6
Geneva Pass	7E37A	10600	30	52N	86W	1961	2,3,4,5	1
Cloom Creek	7E14A	9300	32	55N	87W	1956	2,3,4,5	1,6
Granite Pass	7E17P	8950	19	54N	88W	1956	2,3,4,5	1,6
Sibley Lake	7E11	8000	10	55N	87W	1956	2,3,4,5	1,6
Steamboat Point	7E10	7500	32	56N	87W	1956	2,3,4,5	1,6
Sucker Creek	7E12A	9000	19	55N	87W	1956	2,3,4,5	1,6
Wood Rock C.S.	7E13	8500	3	54N	88W	1956	2,3,4,5	1,6
Powder River								
Bear Trap	7F1A	8000	10	45N	85W	1960	2,3,4,5	1
Clouds Pesk	7E36A	10000	15	51N	85W	1960	2,3,4	1
Middle Powder	7F2	7400	16	43N	86W	1960	2,3,4,5	1
Muddy Greek G.S.	6E2	7800	2	48N	84W	1956	2,3,4,5	1
Munkres Pass	7E8	9700	11	48N	85W	1950	2,3,4,5	1
Onion Culch	7E27M	8100	31	48N	85W	1956	2,3,4,5	1
Powder River Pass	7E6P	8200	1	48N	86W			
Soldier Park	7E5	8700	36	51N	85W	1950	2,3,4,5	1,6
Sour Dough	6E1	8500	17	49N	84W	1936	2,3,4,5	1,6
Sweetwoter								
Grannier Meadows	8G4	9000	19	30N	100W	1937	2,3,4,5	1
Larsen Creek	9G6A	9000	12	30N	103W	1949	2,3,4,5	1
South Pass	8G3MP	9000	13	30N	101W	1939	2,3,4,5	1
Loromie River								
8rooklyn Lake #2	6H1MP	10200	11	16N	79W	1956	2,3,4,5	1
Gameron Pass c	5J1P	10285	2	6N	76W			
Deadman Hill c	5J6	10200	26	10N	75W	1937	3,4,5	
Evans	6H15	9000	4	12N	78W	1960	2,3,4,5	1
Foxpark	6H12	9200	21	13N	78W	1936	2,3,4,5	4
Hairpin Turn #3	6H2	9500	24	16N	79W	1936	2,3,4,5	1
Libby Lodge #2	6H3	8700	29	16N	78W	1936	2,3,4,5	1
Lost Lake c	5J23	9300	32	8N	75W			
McIntyre c	5J15	9100	35	10N	76W	1949	2,3,4,5	
Pole Mountain #2	5H1MP	8700	35	15N	72W	1936	2,3,4,5	1
Roach c	6J12A	9800	5	10N	77W	1940	2,3,4,5	1
Crow Creek								
Pole Mountain #2	5H1MP	8700	35	15N	72W	1936	2,3,4,5	1
North Plotte								
Albany	6H11A	9400	18	14N	78W	1949	2,3,4,5	1
8ottle Greek	6H8	8200	24	14N	85W	1936	2,3,4,5	1,6
8oxalder #2	5G1	9000	31	30N	75W	1950	2,3,4,5	1
Cameron Pass	5J1P	10285	2	6N	76W	1936	2,3,4,5	1
Casper Mountain	6G1MP	8700	16	32N	79W	1954	1,2,3,4,5	1
Columbine c	6J3P	9300	21	5N	82W	1936	2,3,4,5	1
Elk River c	6J4A	8700	6	10N	85W	1936	2,3,4,5	1
Foxpark	6H12	9200	21	13N	78W	1936	2,3,4,5	4
La8onte	5G2	8450	11	27N	74W	1949	2,3,4,5	1
North 8arrett Creek	6H5A	9400	30	16N	80W	1936	2,3,4,5	1,6
North French Creek	6H4MPA	10200	27	16N	80W	1938	2,3,4,5	1,6
Northgate c	6J7	8500	7	11N	79W	1950	2,3,4,5	
Old Battle	6H10P	9800	29	14N	85W	1936	2,3,4,5	1,6
Park View	6J2	9200	24	5N	78W	1936	2,3,4,5	
Rock Greek	6H14A	9800	5	17N	79W	1960	2,3,4	1
Ryan Park	6H6A	8400	34	16N	81W	1936	2,3,4,5	1,6
Webber Spring	6H9M	9000	27	14N	85W	1936	2,3,4,5	1,6
Willow Creek Pass c	6J5P	9500	1	4N	78W	1938	2,3,4,5	
Cheyenne River								
8ear Lodge Divide	4E2P	4580	44° 38'		104° 22'	1963	2,3,4	1,4
Upper Spearfish sd	3E1	6500	21	3N	1E	1944	2,3,4	4
Warren Peak	4E1P	6400	44°25'		104°23'	1963	2,3,4	1,4
COLORADO RIVER DRAINAGE								
Green River above Green River								
8ig Sandy Opening	9C9P	9220	17	31N	104W	1961	2,3,4,5	1,4
8lind Bull Summit	10C2A	8750	6	34N	115W	1948	2,3,4	1
Dutch Joe R.S.	9C5	8700	32	31N	104W	1936	2,3,4,5	1,4
East Rim Divide #2	10F17MP	7950	32	37N	111W	1936	1,2,3,4,5	1,4
Elk Heart Park G.S.	9F23P	9400	16	35N	108W	1961	2,3,4,5	1,4
Groa Ventre	10F19A	8750	36	40N	111W	1948	2,3,4,5	1,4
Kendall R.S. #2	10F15	7900	23	38N	110W	1961	2,3,4,5	1,4
Loomis Park #2	10F16	8500	14	37N	111W	1960	2,3,4,5	1,4
Mulligan Park	9C1	8900	28	35N	108W	1936	2,3,4,5	1,4
New Fork Lake	9F21	8325	11	36N	109W	1961	2,3,4,5	1,4
North Horse Greek	10C16	8200	12	34N	114W	1961	2,3,4,5	1,4
Piney La8arge #2	10G10	8820	19	29N	114W	1959	2,3,4,5	1,4
Pocket Creek	9C11	9360	19	32N	105W	1961	2,3,4,5	1,4
Poison Meadows	10G6A	8500	29	30N	116W	1948	2,3,4,5	1,4
Snyder 8asin R.S. #2	10G13MP	8040	15	29N	114W	1956	2,3,4,5	1,4
Soda Lake	10C14	8300	14	33N	115W	1955	2,3,4,5	1,4
Triple Peaks	10C15	8500	33	34N	115W	1956	2,3,4,5	1,4
Green River below Green River								
8ig Park	10G11A	8700	7	27N	117W	1951	2,3,4,5	1,4
8lack's Fk Junc. u	10J22	8925	33	3N	12E	1961	3,4,5	1
Buck Pasture u	10J23A	9700	14	1N	11E	1963	2,3,4,5	1
East Fk 8lack's Fk u	10J21	9300	25	2N	12E	1961	3,4,5	1
Elk River c	6J4	8700	6	10N	85W	1936	2,3,4,5	1
Hayden Fork u	10J7	9300	1	1S	9E	1951	4,5	1
Henry's Fork u	10J24A	10200	5	1N	14E	1963	2,3,4,5	1
Hewinta R.S. u	10J4	9500	33	3N	13E	1930	3,4,5	1
Hickerson Park u	9J8	9100	24	2N	17E	1961	3,4,5	1
Hole-in-the-rock u	10J1	9150	13	2N	15E	1931	4	1
Hole-in-the-rock GS u	10J3	8300	32	3N	16E	1954	4	
Kelley R.S.	10C12MP	8200	13	26N	118W	1951	2,3,4,5	1,4
Lake Fork 8asin u	10J25A	11100	13	1S	11E	1962	2,3,4,5	1
Middle 8eaver Greek u	10J2	8550	31	3N	16E	1954	4	1
Old 8attle	6H10P	9800	29	14N	85W	1936	2,3,4,5	1,6
Steel Creek Park u	10J20A	9900	8	2N	13E	1962	2,3,4,5	1
Spirit Lake u	9J7	10300	10	1N	17E	1961	3,4,5	1
Trial Lake u	10J8P	9800	5	2S	9E	1931	1,2,3,4,5	1
COLUMBIA RIVER DRAINAGE								
Snoke River Bosin (Above Jockson Loke)								
Arizona	10F1	6850	35	46N	115W	1919	2,3,4	5
Astor Creek	10E8	7700	44°17'		110°37'	1919	2,3,4	5
8ase Camp	10F2	6900	20	46N	113W	1947	2,3,4	5
Coulter Creek	10E10	7600	44°09'		110°33'	1919	2,3,4	2
Clade Greek	10E13	7200	44°08'		110 44'	1919	2,3,4	5
Grassy Lake	10E15MP	7265	6	48N	116W	1940	2,3,4,5	5
Huckleberry Divide	10E14	7300	32	48N	115W	1919	2,3,4	5
Lewis Lake Divide	10E9P	7900	44°13'		110°40'	1919	2,3,4,5	5
Moran	10F4MP	6800	8-17	45N	114W	1919	2,3,4	5
Moran 8ay	10F3	6800	14	45N	116W	1919	2,3,4	5
Snake River Station	10E12MP	6780	44°08'		110°40'	1919	2,3,4	5
Thumb Divide	10E7	7900	44°22'		110°35'	1951	2,3,4	5
Jockson Loke to Polisodes								
Afton R.S.	10G4	6200	30	32N	118W	1936	1,2,3,4,5	4
8lackrock	10F7	8600	4	44N	111W	1936	2,3,4	5
8lind Bull Summit	10G2A	8750	6	34N	115W	1948	2,3,4	1
Bryan Flat	10F14	6250	9	38N	115W	1936	1,2,3,4,5	1
GGG Gamp	10G7	7500	9	29N	118W	1936	1,2,3,4,5	1,4
Cottonwood Lake	10G5A	7500	25	31N	118W	1936	2,3,4	1
Deadman Ranch	10G1A	6534	32	35N	116W	1936	2,3,4	1
East Rim Divide #2	10F17MP	7950	32	37N	111W	1936	1,2,3,4,5	1,4
Four Mile Meadows	10F6	7770	35	45N	112W	1936	2,3,4,5	5
Grey's Boundary	10F18	5800	33	37N	118W	1936	1,2,3,4,5	1,4
Gros Ventre	10F19	8750	36	40N	111W	1948	2,3,4,5	1
Grover Park Divida	10G3	7500	27	33N	118W	1936	1,2,3,4,5	1,4
Loomis Park #2	10F16	8500	14	37N	111W	1936	2,3,4,5	1,4
Poison Meadows	10G6	8500	29	30N	116W	1949	2,3,4,5	1,4
Teton Pass #2	10F13	8500	24	41N	118W	1936	1,2,3,4,5	1
Togwotee Pass	10F9MP	9600	29	44N	110W	1936	2,3,4,5	5
Turpin Meadows	10F5	6930	14	45N	112W	1936	2,3,4	5
Salt River Summit	10G8P	7900	32	29N	118W	1948	1,2,3,4,5	1,4
Snow King Mtn. #3	10F20M	7600	4	40N	116W	1959	Semi. Mo.	1
Beor River								
8ig Park	10G11A	8700	7	27N	117W	1951	2,3,4,5	1,4
CGC Camp	10G7	7500	9	29N	118W	1936	2,3,4,5	1,4
Goodman Ranch u	10J6	7900	19	3N	10E	1937	4	1
Hayden Fork u	10J7	9300	1	1S	9E	1951	4,5	1
Head of 8ear River u	10J5	8600	15	2N	10E	1935	4	1
Kally R.S.	10G12MP	8200	13	26N	118W	1951	2,3,4,5	1,4
Lake Fork Basin u	10J25A	11100	13	1S	11E	1962	2,3,4,5	1
Monte Gristo R.S. u	11H12	8960	3	8N	4E	1930	3,4,5	1
Poison Meadows	10G6A	8500	29	30N	116W	1948	2,3,4,5	1,4
Salt River Summit	10G8P	7900	32	29N	118W	1948	2,3,4,5	1,4
Trial Lake u	10J8P	9800	5	2S	9E	1931	1,2,3,4,5	1

a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1.
b. Numerals refer to Agency that secures the snow survey, aa follows:
1. Soil Conservation Service.
2. U. S. National Park Service.
3. U. S. Indian Service.
4. U. S. Forest Service.
5. U. S. Bureau of Reclamation.
6. Wyoming State Engineer.

c. Colorado snow courses.
m. Montana snow courses.
sd. South Dakota snow courses.
u. Utah snow courses.
A. Aerial Snow Depth Gage
M. Soil Moisture Stack
P. Pearson Storage Gage

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FEDERAL STATE COOPERATIVE

SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued
February 1, 1965

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WATER SUPPLY OUTLOOK
FOR
WYOMING

February 1, 1965

The Wyoming snow pack is substantially above normal for this time of year. Most of the State may anticipate adequate water supplies for the ensuing summer. The Laramie River Watershed contains the shallowest pack, even though it is forecast at four percent above normal.

However, the soil beneath the pack is quite dry and will subtract considerable water from snow melt runoff.

Winter wind, at the 8-10,000 foot level, has been above normal, radiation close to normal, and air temperatures below normal, so snow pack evaporation on the open plateaus and in the alpine areas, has not been excessive.

The following forecasts are based on these factors and also on the assumption that conditions, from now until snow melt time, will be normal.

SNAKE RIVER BASIN - Seasonal flow into Jackson Lake is forecast at 127 percent of normal, or 1,100,000 acre feet of water. Jackson Lake Reservoir is 610,500 acre feet, and 146 percent of the normal for this time of year. Pacific Creek and the Buffalo Fork Watershed are standing at 131 percent of average. The Salt River near Etna is expected to yield 147 percent and the Grey's River above Palisades is forecast at 142 percent. Total water supplies of storage and runoff for Palisades Reservoir is expected to be 134 percent. The average is 4,526,000 acre feet.

COLORADO RIVER BASIN - The outlook for the Green River at Warren Bridge is 149 percent of the 15 year average; 165 percent at Fontenelle; and 167 percent at Green River. North Piney Creek, New Fork River near Boulder, Big and Little Sandy Creeks are all expected to have seasonal flows of 153 to 155 percent.

LOWER YELLOWSTONE - The anticipated flow in the Wind River will be 132 percent of normal at Dubois, with Bull Lake Creek contributing 138 percent at Lenore; the North Popo Agie near Milford, 142 percent; and the Little Popo Agie near Lander, 152 percent. Tensleep Creek near Tensleep is expected to yield 141 percent of the average amount from the Big Horn Mountains; Medicine Lodge Creek, 187 percent; and Shell Creek, 130 percent. Flows into Buffalo Bill Reservoir from the Shoshone River watershed are 130 percent of normal.

Storage in Buffalo Bill Reservoir is 81 percent of the 15 year average. Boysen Reservoir contents are standing at 83 percent and Bull Lake Reservoir contains 131 percent of the February 1 average contents. Combined storage and runoff into Buffalo Bill Reservoir is expected to be 120 percent.

NORTH PLATTE - Snow pack storage on the North Platte Watershed indicates a snow melt runoff of 105 percent at Northgate to 128 percent from the Encampment River Watershed. The combined flows from the Snowy Range, the North Platte River in Colorado, and the Encampment River are expected to be 119 percent of normal at Saratoga. Combined storage and snow melt runoff on the North Platte will be 77 percent of normal supplies.

WYOMING STREAM-FLOW FORECASTS, FEBRUARY, 1965

BASIN AND TRIBUTARY	April 1 - September 30 Seasonal Stream-Flow in Thousands of Acre Feet			
	Forecast Runoff	% 15 Year Average	Measured Runoff 1963	Measured Runoff 15-Yr. Avg. 1948-62
LITTLE POPO AGIE				
Lander (near)	64	152%	52	42
NORTH POPO AGIE				
Milford (near)	111	142%	93	78
BULL LAKE CREEK				
Lenore (near)	227	128%	188	177
WIND RIVER				
Dubois (near)	132	132%	98	100
TENSLEEP CREEK				
Tensleep (near)	103	141%	83	72
MEDICINE LODGE CREEK				
Hyattville (near)	34	187%	22	18.2
SHELL CREEK				
Shell (near)	82	130%	75	63
SHOSHONE RIVER				
Buffalo Bill Dam (below) (1)	1050	130%	877	805
LARAMIE RIVER				
Jelm (near) (2)	118	105%	51	112
ENCAMPMENT RIVER				
Encampment (near)	180	128%	98	141
NORTH PLATTE RIVER				
Northgate (near)	275	105%	146	261
Saratoga (at)	765	119%	397	643
MEDICINE BOW RIVER				
Hanna (near)	101	120%	58	84
GREEN RIVER				
Warren Bridge (at)	486	149%	405	326
Fontenelle (near)	1520	165%	748	920
Green River (at)	1620	167%	784	970*

WYOMING STREAM-FLOW FORECASTS, FEBRUARY, 1965

BASIN AND TRIBUTARY	April 1 - September 30 Seasonal Stream-Flow in Thousands of Acre Feet			
	Forecast Runoff	% 15 Year Average	Measured Runoff 1963	Measured Runoff 15-Yr. Avg. 1948-62
NORTH PINEY CREEK				
Mason (at)	58	153%	32	38
NEW FORK RIVER				
Boulder (near)	350	154%	193	228
BIG SANDY CREEK				
Big Sandy (near)	81	155%	58	52
LITTLE SANDY CREEK				
Elkhorn (near)	20	155%	13	13
SNAKE RIVER				
Moran (at)(3)	1100	127%	769	865
Palisades (above)	3340	128%	2293	2600
PACIFIC CREEK				
Moran (near)	226	131%	153	173
GREY'S RIVER				
Palisades (above)	542	142%	307	383*
SALT RIVER				
Etna ab. Palisades	485	147%	280	331*
LITTLE SNAKE				
Dixon (at)	360	122%	156	295
SMITH'S FORK				
Border (near)	173	154%	95	112
THOMAS FORK				
State Line (near)	56	155%	23	36*

All stream data taken from observed flow record with the following exceptions:

(1) Observed flow corrected for Buffalo Bill storage and Heart Mountain diversion.
(2) Observed flow corrected for Transbasin Diversions.
(3) Observed flow corrected for Jackson Lake Storage.
* Includes some Estimated Flows.

DEER CREEK AT GLENROCK March 1 to July 31 Forecast, 24,000; Average Runoff, 23,200; Percent of Average, 104%.

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1965 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1964	1963	1948-62 Average
MADISON RIVER - YELLOWSTONE PARK								
Norris Basin ÷	10E2	7500	1/30	54	11.5	8.5	7.3	6.9*
21 Mile m	11E6	7150	1/29	82	23.1	11.0	6.4	12.1
West Yellowstone m	11E7	6700	1/28	55	13.4	6.8	3.8	7.8
UPPER YELLOWSTONE - YELLOWSTONE PARK								
Canyon	10E3	7750	1/29	74	21.7	10.0	7.2	9.4
East Entrance ÷	9E5MP	7000	2/1	42	10.4	6.8	6.7	7.9*
Lake Camp #1	10E4	7850	1/28	52	12.1	5.0	3.5	.
Lake Camp #2	10E4	7850	1/28	49	10.9	4.4	3.0	6.5*
Lupine Creek	10E1	7300	1/30	49	10.4	6.0	5.4	7.3
Norris Basin ÷	10E2	7500	1/30	54	11.5	8.5	7.3	6.9*
Northeast Entrance	10D7MP	7400	1/30	45	10.4	5.4	6.0	5.8
Parker's Peak	9E7	9400	No Report					
Pitchstone Plateau	10E16	8640	2/7	142	47.0A			
Sylvan Pass ÷	10E5	7100	2/1	54	16.0	8.8	5.6	9.3*
Thumb Divide ÷	10E7	7900	1/31	80	27.3	11.8	8.6	14.4*a
Two Ocean Plateau	10E17	9200	2/7	108	33.0A			
LOWER YELLOWSTONE - CLARK'S FORK								
Lodgepole	9E1	8200	2/1	40	10.0	6.7	6.6	6.6*
Parker's Peak	9E7	9400	No Report					
LOWER YELLOWSTONE - WIND RIVER								
Big Warm	9F12	8800	1/25	31	7.9	5.0	4.1	5.1*
Burroughs Creek	9F4	8800	1/27	55	16.1	7.6	5.8	10.0*
Dinwoodie	9F10	10000	1/28	42	11.1	4.6	3.3	8.2*
Dinwoodie Glaciers	9F17A	10500	2/2	70	18.5A	6.0A	N.R.	6.3*
Dry Creek	9F9	9500	1/28	26	6.2	3.0	1.9	4.3*
DuNoir	9F6	8750	1/25	29	7.8	3.9	3.7	5.4*
Geyser Creek	9F7	8500	1/26	27	7.3	3.4	3.4	5.7
Little Warm	9F8	9500	1/26	49	14.4	8.4	6.2	11.3*
Sheridan R.S. #2	9F14	7500	1/25	29	7.9	4.2	3.4	4.0*
T-Cross Ranch	9F3	8000	1/27	35	10.3	3.7	3.8	4.7
Togwotee Pass ÷	10F9MP	9600	1/29	99	28.1	18.3	13.6	19.6
Twenty Lakes ÷	9F7A	10000	2/1	57	16.5A	4.5A	N.R.	4.0*a

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1965 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1964	1963	1948-62 Average
LOWER YELLOWSTONE - OWL CREEK								
Kirwin ✣	9F19A	10000	No Report			N.R.	N.R.	6.2a*
Owl Creek	8F1	8700	1/26	19	4.5	2.6	2.2	3.9*
LOWER YELLOWSTONE - POPO AGIE RIVER								
Blue Ridge	8G2	9500	2/1	54	16.4	4.5	2.7	8.0*
Bruce's Camp	8G5	6500	2/2	6	1.2	1.2	2.1	1.8*
Hobb's Park	9G3	10000	1/30	55	17.6	7.8	7.4	11.4*
Mosquito Park R.S.	9G4	9500	1/30	33	9.1	3.8	3.9	5.0*
Sawmill Glade	8G1	8500	2/1	34	8.3	3.9	2.4	4.9*
South Pass ✣	8G3MP	9000	2/1	61	18.9	5.8	3.2	9.8*
St. Lawrence R.S.	9F11	9000	1/29	35	10.2	3.9	1.8	4.2*
Trout Creek	9G2	8400	1/30	17	4.1	2.7	2.4	3.5*
Twenty Lakes ✣	9G7A	10000	2/1	57	16.5	4.5A	N.R.	4.0*a
LOWER YELLOWSTONE - GREYBULL RIVER								
Absaroka	9E6	10000	No Report			N.R.	N.R.	
Kirwin ✣	9F19A	10000	No Report			N.R.	N.R.	6.2*a
Timber Creek #2	9E3	8800	2/1	14	3.0	1.2	2.6	2.1*
Wood River #2	9F15	8000	2/1	26	6.4	2.3	4.0	3.1*
LOWER YELLOWSTONE - SHOSHONE RIVER								
Carter Mountain	9E4M	7800	1/31	18	4.9	1.6	2.8	3.5*
East Entrance ✣	9E5MP	7000	2/1	42	10.4	6.8	6.7	7.9*
Sylvan Pass ✣	10E5	9200	2/1	54	16.0	8.8	5.6	9.3*
Togwotee Pass	10F9MP	9600	1/29	99	28.1	18.3	13.6	19.6
Younts Peak	9F18A	8500	2/7	68	20.0A	N.R.	N.R.	8.7*
LOWER YELLOWSTONE - NOWOOD CREEK								
Bear Trap ✣	7F1A	8000	1/30	49	12.0A	4.5A	5.4e	6.0*
Middle Powder ✣	7F2	7400	2/2	52	12.5	4.8	5.5	7.1*
Cold Springs Camp	7E25	8700	1/29	46	10.6	4.6	4.4	5.1*
Medicine Lodge Lakes	7E24MP	9500	No Report			7.2	7.7	7.9*
Munkres Pass ✣	7E8	9700	2/2	45	9.4	5.0	4.7	6.5*
Onion Gulch ✣	7E27M	8100	1/27	34	6.8	4.8	5.4	6.7*
Tyrell R.S.	7E35	8300	1/28	40	8.0	4.9	5.5	6.0*
West Tensleep Lake	7E26A	9075	1/30	69	16.0A	10.5A	9.5A	8.0*a

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1965 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1964	1963	1948-62 Average
LOWER YELLOWSTONE - SHELL CREEK								
Bald Mountain ÷	7E21M	9600	1/28	74	20.7	10.5	13.6	13.8*
Beaver Tongue Divide	7E20	9200	1/28	75	18.4	10.0	12.0	12.6*
Bone Spring Divide ÷	7E18A	9200	1/30	73	18.0A	10.0A	11.5A	10.4*a
Granite Pass ÷	7E17P	8950	1/30	68	15.7	7.9	8.9	11.0*
Ranger Creek	7E4	8800	1/30	54	12.9	5.5	6.9	6.7*
Shell Creek	7E23A	9600	1/30	72	17.5A	9.5A	9.5A	10.0*
LOWER YELLOWSTONE - TONGUE RIVER								
Beaver Tongue ÷	7E20	9200	1/28	75	18.4	10.0	12.0	12.6*
Big Goose #2	7E32M	7700	2/1	34	6.6	3.8	4.6	5.2*
Bone Spring Divide ÷	7E18A	9200	1/30	73	18.0A	10.0A	11.5A	10.4*a
Burgess R.S. #2	7E33P	7900	1/30	41	7.4	4.6	5.1	5.1*
Dome Lake #2	7E34A	8800	1/30	56	12.0A	4.0A	8.0A	6.1*
Geneva Pass	7E37A	10600	1/30	78	19.5A	9.5A	9.0A	8.2*a
Gloom Creek	7E14A	9300	1/30	62	16.0A	6.5A	10.5A	8.3*a
Granite Pass ÷	7E17P	8950	1/30	68	15.7	7.9	8.9	11.0*
North Tongue	7E15	8800	1/29	58	12.1	7.8	7.6	8.0*
Sibley Lake	7E11	8000	1/30	51	9.8	6.5	6.8	6.9*
Steamboat Point	7E10	7500	1/30	37	7.9	5.1	5.2	4.7*
Sucker Creek	7E12A	9000	1/30	68	15.5A	6.5A	7.5A	7.5*a
Wood Rock G.S.	7E13	8500	1/30	52	11.1	5.8	6.0	7.2*
LOWER YELLOWSTONE - PORCUPINE CREEK								
Five Springs Falls	7E31	7500	2/1	39	9.6	4.0	7.8	4.1*
Medicine Wheel	7E30	9000	1/29	62	16.4	8.2	12.5	10.3*
LOWER YELLOWSTONE - POWDER RIVER								
Bear Trap ÷	7F1A	8000	1/20	49	12.0A	4.5A	5.4e	6.0*
Middle Powder ÷	7F2	7400	2/2	52	12.5	4.8	5.5	7.1*
Clouds Peak	7E36A	10000	1/30	46	10.5A	4.0A	3.5A	6.7*a
Muddy Creek G.S.	6E2	7500	2/2	18	3.0	2.0	2.4	2.9*
Munkres Pass ÷	7E8	9500	2/2	45	9.4	5.0	4.7	6.5*
Onion Gulch ÷	7E27M	8100	1/27	34	6.8	4.8	5.4	6.7*
Soldier Park	7E5	8700	2/3	31	7.1	2.9	3.3	3.2*
Sour Dough	6E1	8500	2/3	27	4.9	3.5	3.6	4.8*

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1965 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1964	1963	1948-62 Average
NORTH PLATTE - LARAMIE RIVER								
Albany ÷	6H11A	9400	No Report			N.R.	N.R.	8.9*a
Brooklyn Lake #2	6H1MP	10200	2/3	66	18.7	9.6	6.0	13.9*a
Cameron Pass C ÷	5J1	10300	No Report			12.2	N.R.	13.7
Chambers Lake C	5J2	9000	1/30	37	8.8	2.8	2.3	6.0
Deadman Hill C	5J6	10300	No Report			7.5	N.R.	8.8
Evans ÷	6H15	9000	1/27	33	8.7	4.8	3.4	7.6*
Foxpark ÷	6H12P	9200	2/2	31	7.4	4.3	2.4	4.4
Hairpin Turn #3	6H2	9500	2/3	50	13.6	6.5	4.3	10.4a
LaBonte ÷	5G2	8450	1/30	26	3.9	2.5	1.5	3.9*
Libby Lodge	6H3	8700	2/3	38	9.3	4.7	3.5	7.0
Lost Lake C	5J23	9300	1/30	48	11.5	4.7	4.2	8.2*
Pole Mountain #2 ÷	5H1	8700	1/29	23	3.9	0.9	2.3	3.1
Roach ÷	6J12A	9800	No Report			N.R.	N.R.	11.1
Rock Creek ÷	6H14A	9800	1/28	56	14.8	11.0A	4.3	14.7*a
NORTH PLATTE - ABOVE SEMINOE RESERVOIR								
Albany ÷	6H11A	9400	No Report			N.R.	N.R	8.9*a
Bottle Creek	6H8	8200	2/2	47	14.6	5.3	7.1	9.1
Boxelder #2 ÷	5G1	7500	1/28	10	2.4	3.8	2.6	4.4*
Cameron Pass C ÷	5J1A	10300	Estimated		15.6	12.2	N.R.	13.7
Casper Mountain ÷	6G1MP	7940	1/28	37	6.5	7.4	4.9	7.8*
Columbine C	6J3	9300	1/27	66	17.4	9.2	7.9	15.7
Deep Lake	6H17	10500	1/28	89	25.4			
Evans ÷	6H15	9000	1/27	33	8.7	4.8	3.4	7.6*
Foxpark ÷	6H12P	9200	2/2	31	7.4	4.3	2.4	4.4
LaBonte ÷	5G2	8450	1/30	26	3.9	2.5	1.5	3.9*
North Barrett Creek	6H5AM	9400	No Report			13.5A	N.R.	12.4a
North French Creek	6H4AP	10200	No Report			14.0A	N.R.	17.8*a
Northgate C	6J7	8500	1/27	22	5.0	2.8	2.3	3.9*
Old Battle ÷	6H10P	9800	2/2	83	26.5	12.5	12.9	20.0
Park View C	6J2	9200	1/28	33	8.2	3.8	3.3	5.8
Roach C ÷	6J12	9800	No Report			N.R.	N.R.	
Rock Creek ÷	6H14A	9800	1/28	56	14.8	11.0A	4.3	14.7*
Ryan Park	6H6A	8400	No Report			6.0A	N.R	7.2a
Moss Lake	6H16	9800	1/28	63	17.3			
Webber Spring	6H9M	9000	2/2	58	18.6	7.7	9.2	11.6
Willow Creek Pass C	6J5	9500	1/28	41	9.6	4.6	4.0	8.1

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NORTH PLATTE - CROW CREEK								
Pole Mountain #2 ÷	5H1	8700	1/29	23	3.9	0.9	2.3	3.1
NORTH PLATTE - SWEETWATER								
Grannier Meadows	8G4	9000	2/1	59	17.4	5.9	3.1	9.3*
Larsen Creek	9G6A	9000	2/1	67	17.0A	6.0A	N.R.	7.3*
South Pass ÷	8G3MP	9000	2/1	61	18.9	5.8	3.2	9.8*
NORTH LARAMIE MOUNTAINS								
Boxelder #2 ÷	5G1	7500	1/28	10	2.4	2.8	2.6	4.4*
Casper Mountain ÷	6G1MP	7940	1/28	37	6.5	6.7	4.9	7.8*
LaBonte ÷	5G2	8450	1/30	26	3.9	2.5	1.5	3.9*
GREEN RIVER ABOVE GREEN RIVER								
Big Sandy Opening	9G9P	9220	1/28	62	15.4	7.5	5.1	8.5*
Blind Bull Summit ÷	10G2A	8750	2/1	84	26.0A	14.0A	10.0A	14.7*a
Dutch Joe R.S.	9G5	8700	1/28	51	12.3	5.4	3.5	6.4*
East Rim Divide ÷	10F17MP	7950	2/2	51	14.2	5.8	4.8	6.4*
Elk Heart Park G.S.	9F23P	9400	1/30	62	18.0	7.7	3.0	10.0*
Gros Ventre ÷	10F19A	8750	2/1	58	14.5A	8.0A	8.5A	8.1*a
Kendall R.S. #1	10F15	7900	1/29	50	13.6	5.7	2.5	6.3*
Kendall R.S. #2	10F15	7900	1/29	61	15.3	7.2	4.1	8.5*
Loomis Park #1 ÷	10F16	8500	2/2	74	23.4	10.1	10.1	11.1*
Loomis Park #2 ÷	10F16	8500	2/2	76	25.1	9.7	10.9	10.8*
Mulligan Park	9G1	8900	1/30	48	13.0	6.8	2.8	7.3*
New Fork Lake	9F21	8325	1/29	60	14.9	6.8	3.5	
North Horse Creek	10G16	8200	1/30	85	25.9	12.4	9.7	
Piney LaBarge #1	10G10	8820	2/1	72	24.0	11.4	6.2	10.5*
Piney LaBarge #2	10G10	8820	2/1	86	28.5	13.8	8.5	12.4
Pocket Creek	9G11	9360	1/26	41	12.1	7.1	3.2	
Poison Meadows ÷	10G6A	8500	2/1	98	32.0A	17.5A	15.0A	18.7*
Snyder Basin #2	10G13MP	8040	2/1	72	22.4	10.2	4.2	10.4*
Soda Lake	10G14	8300	1/31	78	22.9	9.4	7.1	11.1*
South Pass ÷	8G3MP	9000	2/1	61	18.9	5.8	3.2	9.8
Triple Peaks	10G15	8500	1/31	100	32.3	14.7	9.6	15.4*

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1965 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1964	1963	1948-62 Average
GREEN RIVER BELOW GREEN RIVER								
Big Park ÷	10G11	8700	2/3	73	25.0	12.6	4.7	10.3*a
Buck Pasture	10J23A	9700	2/3	75	21.0	N.R.	5.0A	
Elk River	6J4	8700	2/2	57	14.8A	9.0	7.1	11.5
Henry's Fork	10J24A	10200	2/3	39	11.0	N.R.	N.R.	
Kelly R.S.	10G12	8200	2/3	69	21.7	13.4	3.8	
Old Battle ÷	6H10P	9800	2/2	83	26.5	12.5	12.9	20.0
Steel Creek Park	10J20A	9900	2/3	63	17.5	N.R.	2.4A	
JACKSON LAKE TO PALISADES								
Afton R.S.	10G4	6200	1/28	19	3.9	4.7	2.7	3.7
Base Camp ÷	10F2	6900	1/30	81	23.8	12.8	8.6	11.5
Blackrock ÷	10F7	8600	1/29	77	20.3	13.5	9.1	14.4
Blind Bull Summit ÷	10G2A	8750	2/1	84	26.0A	14.0A	10.0A	14.7*a
Bryan Flat	10F14	6250	2/2	35	11.5	4.7	2.3	7.0
CCC Camp ÷	10G7	7500	1/28	49	13.4	8.0	5.0	7.8
Cottonwood Lake	10G5A	7500	2/1	65	18.0A	13.0A	5.5A	10.7*
Deadman Ranch	10G1A	6534	2/1	60	16.5A	5.0A	5.0A	6.2*a
East Rim Divide ÷	10F17MP	7950	2/2	51	12.3	5.8	4.8	6.4*
Four Mile Meadows	10F6	7770	1/29	50	12.3	9.5	6.3	9.0
Grey's Boundary	10E18	5800	1/28	41	9.1	9.8	4.5	7.8
Gros Ventre ÷	10F19A	8750	2/1	58	14.5A	8.0A	8.5A	8.1*a
Grover Park Divide	10G3	7500	1/29	51	12.4	6.7	5.1	7.7
Loomis Park #1 ÷	10F16	8500	2/2	74	23.4	10.1	10.1	11.1*
Loomis Park #2 ÷	10F16	8500	2/2	76	25.1	9.7	10.9	10.8*
Poison Meadows ÷	10G6A	8500	2/1	98	31.5A	17.5A	15.0A	18.7*
Salt River Summit ÷	10G8MP	7900	1/28	60	16.6	10.3	5.6	10.2*
Snow King Mtn. #3	10F20M	7600	2/1	55	15.7	7.9	6.9	9.0*
Teton Pass #2	10F13	8500	1/27	92	28.7	17.7	8.5	23.0
Togwotee Pass ÷	10F9MP	9600	1/29	99	28.1	18.3	13.6	19.6
Turpin Meadows	10F5	6930	1/29	48	10.6	7.9	4.9	7.5
MISSOURI - BELLE FOURCHE								
Bearlodge Divide	4E2P	4580	2/2	10	2.1	2.1		
Warren Peak	4E1P	6400	2/2	38	9.4	4.8		

WYOMING SNOW SURVEYS - ABOUT FEBRUARY 1, 1965

Drainage Basin and Snow Course	Number or State	Elev.	SNOW COVER MEASUREMENTS 1965 Date of Survey	Snow Depth (In.)	Water Content (In.)	PAST RECORD Water Content (In.) 1964	1963	1948-62 Average
SNAKE RIVER ABOVE JACKSON LAKE								
Arizona	10F1	6850	1/28	67	19.8	12.5	5.7	11.8a
Astor Creek	10E8	7700	1/27	102	33.9	16.5	10.9	20.4a
Base Camp	10F2	6900	1/30	81	23.8	12.8	8.6	11.5a
Coulter Creek	10E10	7600	No Report			12.8	8.4	14.4a
Glade Creek	10E13	7200	1/28	69	20.6	12.9	9.0	14.4a
Grassy Lake	10E15MP	7265	1/28	103	32.8	19.7	14.3	22.3
Huckleberry Divide	10E14	7300	1/28	66	18.9	12.9	6.6	14.0a
Lewis Lake Divide	10E9	7900	1/27	121	39.5	22.8	14.8	27.6a
Moran	10F4MP	6500	1/28	52	14.1	9.1	5.2	8.6a
Moran Bay	10F3	6800	1/29	74	20.9	13.7	N.R.	13.6a
Pitchstone Plateau	10E16	8640	2/7	142	33.0A			
Snake River Station	10E12MP	6780	1/27	66	18.6	12.5	8.3	13.3a
Thumb Divide ÷	10E7	7900	1/31	80	27.3	11.8	8.6	14.4a*
Two Ocean Plateau	10E17	9200	2/7	108	33.0A			
BEAR RIVER								
Big Park ÷	10G11A	8700	2/3	73	25.0	12.6	4.7	10.3*
CCC Camp ÷	10G7	7500	1/28	49	13.4	8.0	5.0	7.8
Kelly R.S.	10G12MP	8200	2/3	69	21.7	13.4	3.8	
Monte Cristo R.S.[u]	11H12	8960	No Report			11.5	7.4	16.0*
Poison Meadows ÷	10G6A	8500	2/1	98	32.0A	17.5A	15.0A	18.7*
Salt River Summit ÷	10G8MP	7900	1/28	60	16.6	10.3	5.6	10.2*
Still Water Camp[u]	10J17	9800	No Report			N.R.	N.R.	
Trial Lake	10J8P	9800	1/29	92	28.4	N.R.	6.5	16.5*
MISSOURI - CHEYENNE RIVER								
Upper Spearfish[s]	3E1	6500	No Report			N.R.	4.3	4.7

c Colorado snow courses.
m Montana snow courses.
s South Dakota snow courses.
u Utah snow courses
* Average does not contain 15 years of record.

÷ Located close to divide.
M Soil moisture stack.
P Pearson precipitation gage.
A Aerial stadia marker, (water content estimated.)
a Average partially estimated.

STATUS OF WYOMING AND SOUTH DAKOTA RESERVOIR STORAGE-FEBRUARY, 1965

BASIN and/or STREAM	RESERVOIR	USABLE CAPACITY 1000's AF	USABLE STORAGE - 1000 ACRE FEET 1965	1964	1963	Average 1948-62
Snake River	Jackson	847.0	610.5	632.8	553.7	417.6
Snake River	Palisades	1,202.0	973.0	912.4	909.3	656.8*
North Platte	Seminoe	981.8	201.7	289.1	310.8	473.5
North Platte	Pathfinder	1,011.0	90.9	113.1	541.1	470.6
North Platte	Alcova**	190.5	-2.8	-4.4	-2.4	-4.1
North Platte	Guernsey	39.8	4.5	5.6	12.8	28.0
North Platte	Glendo	786.3	289.7	291.5	325.1	239.7*
Kansas Basin	Bonny	39.9	37.7	38.7	38.2	36.6*
Kansas Basin	Swanson Lake	116.1	80.7	94.3	112.9	73.6*
Kansas Basin	Enders	36.0	24.1	24.8	26.5	32.2*
Kansas Basin	Harry Strunk	33.9	26.5	33.6	32.9	25.9*
Kansas Basin	Harlan County	252.9	217.6	250.9	355.0	149.0*
Kansas Basin	Cedar Bluff	176.8	151.0	170.0	173.1	142.1*
Laramie River	Wheatland	95.0	No Report		45.6	24.2*a
Belle Fourche	Belle Fourche	185.2	129.6	124.3	141.3	61.4
Belle Fourche	Keyhole	190.3	113.5	70.6	59.7	9.6*
Shoshone River	Buffalo Bill***	439.8	174.4	160.5	174.7	216.5
Wind River	Boysen	560.0	326.5	305.6	340.5	393.4*
Wind River	Pilot Burte	31.6	11.7	9.4	13.5	9.6
Wind River	Bull Lake	152.0	89.4	108.6	95.6	68.4
Wind River	Sunshine		N.R.		47.4	
Cheyenne River	Angostura	92.0	54.6	68.0	74.3	75.0*
Cheyenne River	Deerfield	15.1	14.0	14.0	7.1	10.3a
Cheyenne River	Pactola	55.0	54.1			13.6
Grand River	Shadehill	84.0	40.9	31.9	42.7	52.5*
Green River	Big Sandy	38.3	6.7	12.0		8.8*

* Average is for less than 15 years of record in the 1948-62 period.

** Alcova, downstream from Seminoe and Pathfinder includes 160,170 acre feet of Storage that is unavailable to the Kendrick Project. In the future, storage in this reservoir will be held at usable capacity, (190,500 acre feet).

*** Usable capacity, 439,800 Acre Feet, however, 59,500 Acre Feet are inactive except in emergency.

Agencies Cooperating in Wyoming Snow Surveys

FEDERAL

U.S. Department of Agriculture
- Forest Service
- Soil Conservation Service

U.S. Department of Commerce
- Weather Bureau

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service

STATE

State Engineer of Wyoming

PRIVATE

Irrigation Districts
- Wheatland Irrig. Dist.
- Greybull Valley Irrig. Dist.

Soil and Water Conservation Districts
- Bridger Valley SWCD
- Clouds Peak SWCD
- Cody SWCD
- Dubois-Crowheart SWCD
- Greybull Valley SWCD
- Lake DeSmet SWCD
- Laramie Rivers SWCD
- Little Snake River SWCD
- Medicine Bow SWCD
- Pavillion and Wind River SWCD
- Pinedale SWCD
- Powder River SWCD
- Powell-Clarks Fork SWCD
- S and E SWCD
- Shell Valley SWCD
- Shoshone SWCD
- Tongue River SWCD
- Washakie SWCD
- Wheatland SWCD

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